TOSHIBA
Leading Innovation

TECRA™ M10-05F

Model: [i]
Tecra M10 PTMB0C-05F02L

- Intel® Centrino® 2 processor technology featuring Intel® Core™2 Duo processor P8700 – 2.53GHz, 14.1" WXGA TFT, 4GB DDR2, 200GB 7200RPM HDD S-ATA, Intel GMA 4500M Graphics, DVD Super-Multi Double Layer, Modem, LAN, 802.11agn Wireless, Webcam, Genuine Windows® 7 Professional

Processor

Intel® Core™2 Duo processor P8700 (2.53GHz, 1066MHz FSB, L2 Cache 3MB) with Intel® Centrino® 2 processor technology

Operating System

Genuine Windows® 7 Professional 32/64bit (includes downgrade rights to Windows XP® Professional)
Downgrade Media Included

Memory

Standard Memory: 4GB DDR2 (800MHz)
Slot1: 2GB DDR2 (800MHz)
Slot2: 2GB DDR2 (800MHz)
Maximum Memory: 8GB DDR2
Expansion Modules: 1GB, 2GB, or 4GB DDR2

Hard Disk Drive

200GB (7200 RPM); Serial-ATA hard disk drive

Optical Drive

Built-in DVD Super-Multi Double Layer Drive functions:
Read: CD-ROM (24x), DVD-ROM (8x),
Write: CD-R (24x), CD-RW (4x), DVD-R (8x), DVD-R DL (6x), DVD-RW (6x), DVD+R (8x), DVD+R DL (6x) DVD+RW (8x), DVD-RAM (5x)

Display System

Type: TFT Active Matrix colour LCD display
Size (diagonal): 14.1" Wide XGA TFT
Native LCD Panel Resolution: 1280x800x16.7 million colours
External Support and Max. Colour Support (dependant on CRT): Up to 2,048 x 1536 x 16.7 million colours

Graphics Controller

Mobile Intel® GMA 4500M with up to 1340MB total available graphics memory

Sound System

Intel High Definition Audio, built-in speakers

Communication

Modem V.92 Data/56K Fax Modem, Ring wake up resume
10/100/1000bps Integrated Ethernet LAN
Built-in Intel WiFi Link 5100 (802.11a/g/n)
Integrated 1.3M Web Camera

Expansion

2 memory slots (first slot filled with 2GB, second slot filled with 2GB, both slots can be replaced by 1GB, 2GB or 4GB).

1 PCMCIA Card Slot

Ports: Bridge Media adaptor (Secure Digital, Memory Stick™, Memory Stick PRO™, MultiMedia Card, xD Picture Card), RGB, 3 x USB2.0, 1 x eSATA/USB2.0, RJ45 (LAN), Headphone, Microphone, RJ-11 (Modem), Serial, IEEE1394, Docking Connector
Supported via Toshiba Express Port Replicator II: USB x6, 10M/100M/1G LAN x1, VGA x1, Headphone, Serial x1, Parallel x1
Supported via Dynadock U: DVI-D x1

Keyboard

Canadian Bilingual (English/French) Keyboard
Full sized 87 keys with 13 function keys
Spill Resistant keyboard
Color: (Black)

Pointing Device

Dual Accupoint and Touchpad with Scroll function

Additional Software

Toshiba ConfigFree™
Adobe Acrobat Reader
TOSHIBA Disc Creator
TOSHIBA DVD PLAYER
Norton Internet Security™ – trial
Microsoft Office Professional – trial

Physical Dimensions

Dimensions: 336.8mm (W) x 245mm (D) x 36.4/38.4mm (H)
Weight: 2.74kg
Color: Titanium Silver

AC Adapter

75W external Universal AC adaptor input voltage (100 –240V 50/60Hz frequency), (15Vx5A)
Dimensions: 127.0 (W) x 30.5 (H) x 51.0 (D) mm
Weight: 355g

Battery

Battery Type: Removable, Rechargeable 6-cell Lithium Ion (Li-ion) (4000mAh)
Battery Life: Approximately 4.0 hours (Mobile Mark)
Recharge Time: "Quick Charge" 90% battery recharge within 1.0 hour when system is OFF/Standby/Hibernation, 2-6 hours when unit is on

BIOS

ACPI v2.0c, DDC, PnP, VESA, DPMS, SM BIOS v2.4, PCI BIOS Support V2.1 Computrace BIOS Support

TOSHIBA EasyGuard™

Secure
- Toshiba Advanced Security System
- Toshiba Device Access Control Utility
- Toshiba Multiple Level Password Utilities
- Toshiba Secure Digital Token Utility
- Toshiba Anti-Theft Protection Timer
- Toshiba Reinforced Security Cable Lock Slot
- Execute Disable Bit (XD-Bit)
- Trusted Platform Module (TPM)
- Fingerprint Reader
- Computrace™ with BIOS Support
- Wireless Log-on via Bluetooth Mobile Phone*

Protect
- Toshiba Spill-resistant Keyboard
- Toshiba Shock Absorbing Design
- LCD Panel Shock Absorber
- LCD Inverter Shock Absorber
- Toshiba Hard Disk Drive Protection
- HDD Dome Shock Protector
- HDD Shock Absorber
- 3D Accelerometer
- Toshiba Key Component Access
- Toshiba Magnesium Alloy Casework
- Toshiba PC Diagnostic Tool
- Toshiba PC Health Monitor

Connect
- Toshiba ConfigFree™
- WiFi Easy Locator
- Toshiba Diversity Antenna
- Toshiba Bluetooth Stack*

Optimize
- Toshiba Presentation Button
- Toshiba Zooming Utility
- Toshiba One-touch Resolution Change
- Toshiba Power Saver Utility
- Toshiba Fn-esse Shortcut Utility
- Toshiba Optical Disc Drive Power On/Off Utility
- Toshiba Assist

*only on selected models

Environmental Specifications

Temperature: Operating 5˚to 35˚C (41˚ to 95˚F);
Non Operating –20˚ to 65˚C (-4˚ to149˚F)
Thermal Gradient: Operating 15˚ C per hr. max;
Non Operating 20˚ C per hr. max
Relative Humidity: Operating 20% to 80% non-condensing;
Non-Operating: 10% to 90% non-condensing
Altitude (relative to sea level): Operating: -60 to 3,000m.;
Non-Operating: -60 to 10,000m.
Shock: Operating: 7G; Non-Operating 60G
Vibration: Operating 0.2G; Non-Operating: 1G

Environmental Credentials

EPEAT Gold
Engery Star 5.0
RoHS

Canada and International Limited Warranty

This Tecra notebook comes with a three (3) year parts and labour Limited International Warranty. Note the original battery is warranted for one year from date of purchase. Pre-installed software is excluded form TCL standard limited warranty. For complete details on this warranty program and other Warranty Programs such as On-site and Next Business Day Service visit toshiba.ca

Accessories

Toshiba Express Port Replicator II
– PA3680C-1PRP
Toshiba Dynadock U USB Docking Station with DVI & VGA Port
– PA3575C-1PRP
USB FDD Kit
- ACC021
Toshiba 75W 3Pin AC Adapter
– PA3378C-3AC3
Toshiba Primary Li Ion Battery Pack (6 cell)
– PA3588U-1BRS
Toshiba Primary High Capacity Li Ion Battery Pack (12 cell)
– PA3357U-3BRL
Battery Charger w/Integrated AC Adapter
- PA3091U-2CHG
Toshiba USB Adapter with Bluetooth v2.0 + EDR
- PA355U-1BTM
Toshiba Memory Modules:
- PA3668U-1M1G (1GB DDR2 800MHz)
- PA3669U-1M2G (2GB DDR2 800MHz)

Part Number/UPC code

PTMB0C-05F02L / 6-23506-02390-0

[1]Toshiba of Canada Limited Information Systems Group shall not be liable for damages of any kind for use of this information, which is subject to change without notice.

Central Processing Unit ("CPU" Performance Disclaimer: CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 35°C (41°F to 95°F) or > 25°C (77°F) at high altitude (all temperature references are approximate).

CPU performance may also vary from specifications due to design configuration. Under some conditions, your computer product may automatically shutdown. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Support for more information.

Hard Disk Drive Disclaimer: 1 Gigabyte (GB) means 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 1,073,741,824 bytes, and therefore shows less storage capacity. Available storage capacity will also be less if the product includes pre-installed operating system and/or application software. Actual formatted capacity may vary.

GPU: Graphics processor unit ("GPU") performance may vary depending on product model, design configuration, applications, power management settings and features utilized. GPU performance is only optimized when operating in AC power mode and may decrease considerably when operating in battery power mode.

Memory: Part of the main system memory may be used by the graphics system for graphics performance and therefore reduce the amount of main system memory available for other computing activities. The amount of main system memory allocated to support graphics may vary depending on the graphics system, applications utilized, system memory size and other factors. For PC's configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration.

TFT Display Disclaimer: Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology.

LCD: Over a period of time, and depending on the usage of the computer, the brightness of the LCD screen will deteriorate. This is an intrinsic characteristic of LCD technology. Maximum brightness is only available when operating in AC power mode. Screen will dim when the computer is operated on battery power and you may not be able to increase the brightness of the screen.

Weight: Weight may vary depending on actual configuration.

Battery: Battery life may vary considerably depending on product model, configuration, applications, power management settings and features utilized, as well as the natural performance variations produced by the design of individual components. Published battery life numbers are achieved on select models and configurations tested by Toshiba at the time of publication. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba of Canada website at toshiba.ca/accessories

Subject to Change:
While Toshiba has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice. For the most up-to-date product information about your computer, or to stay current with the various computer software or hardware options, visit Toshiba's website at toshiba.ca/support

2/18/2010 v.1